

Used in conjunction with SIEMENS ET200pro

Variable valve configuration from 2 to 16 stations
using double width sub-bases

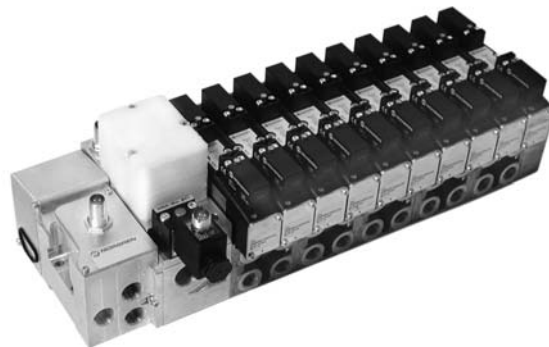
Field expandable and maintenance friendly

Dual spool technology

VS26G Glandless spool and sleeve for long life

VS26S Softseal spool for high flow

Wide range of accessories



Technical data

Medium:

Compressed air, filtered to 40 µm, lubricated or non-lubricated

Operation:

VS26G: Glandless spool valve, solenoid pilot actuated

VS26S: Softseal spool valve, solenoid pilot actuated

Mounting:

Sub-base

Ports 2+4:

G1/4, NPTF 1/4, PIF 10 mm, PIF 8 mm, PIF 3/8

Operating pressure:

VS26S and VS26G: 10 bar max.

VS26G (external pilot pressure): 16 bar max.

Flow characteristics:

Series	Function	C	b	A	l/min	Cv	Kv
VS26G	5/2	4,27	0,16	16,04	1000	1,02	0,87
VS26G	5/3	4,27	0,16	16,04	1000	1,02	0,87
VS26S	2x2/2	4,88	0,17	18,40	1150	1,17	1,00
VS26S	2x3/2	5,21	0,20	20,05	1250	1,27	1,09
VS26S	5/2	5,63	0,20	21,67	1350	1,37	1,18
VS26S	5/3	5,63	0,20	21,67	1350	1,37	1,18

Ambient temperature:

-15°C ... +50°C

Medium temperature:

-5°C ... +50°C

(Consult our Technical Service for use below +2°C)

Materials

Body/sub-base: die-cast aluminium

Glandless spool & sleeve (VS26G): aluminium, hard anodised, teflon coated

Softseal spool (VS26S): aluminium with HNBR seals

Plastic parts: POM, PA, PPA

Static seals: NBR

Mounting sheets/screws: steel, zinc coated

Springs: stainless steel

Sandwich plates: aluminium bar material, PA

Electrical contacts: brass, tin/gold coated

PCB: glass epoxy

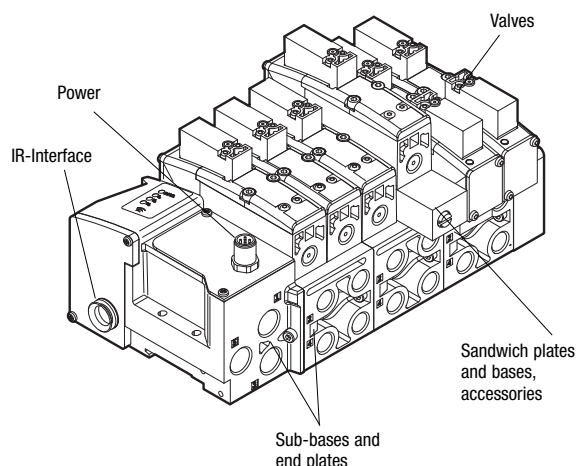
Electrical parameters

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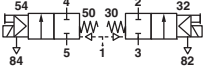
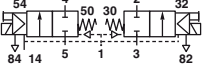
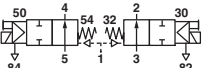
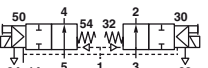
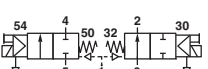
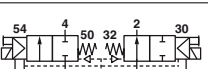
Ordering information

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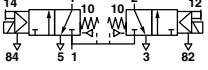
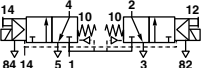
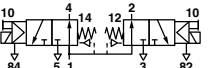
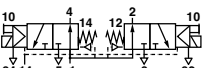
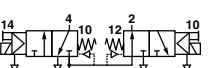
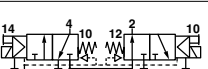
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Sandwich plates	10, 11, 12
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2x2/2 Double solenoid actuated softseal valves (flow 1150 l/min)

Symbol	Model	Function 2x2/2	Actuation	Pilot supply	Pilot pressure (bar)	Operating pressure (bar)	Manual override	Voltage	Short code
	VS26SE11DF313A	NC	Sol/Spring	Internal	3...10 *1)	-0,9...10	Push only	24 V d.c. 1,2 W	STU
	VS26SE11DF213A	NC	Sol/Spring	Internal	3...10 *1)	-0,9...10	Push & turn	24 V d.c. 1,2 W	STT
	VS26SE11DF513A	NC	Sol/Spring	Internal	3...10 *1)	-0,9...10	Extended, push only	24 V d.c. 1,2 W	STE
	VS26SE22DF313A	NC	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Push only	24 V d.c. 1,2 W	SWU
	VS26SE22DF213A	NC	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Push & turn	24 V d.c. 1,2 W	SWT
	VS26SE22DF513A	NC	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SWE
	VS26SF11DF313A	NO	Sol/Spring	Internal	3...10 *1)	-0,9...10	Push only	24 V d.c. 1,2 W	SUU
	VS26SF11DF213A	NO	Sol/Spring	Internal	3...10 *1)	-0,9...10	Push & turn	24 V d.c. 1,2 W	SUT
	VS26SF11DF513A	NO	Sol/Spring	Internal	3...10 *1)	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SUE
	VS26SF22DF313A	NO	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Push only	24 V d.c. 1,2 W	SXU
	VS26SF22DF213A	NO	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Push & turn	24 V d.c. 1,2 W	SXT
	VS26SF22DF513A	NO	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SXE
	VS26SG11DF313A	NO/NC	Sol/Spring	Internal	3...10 *1)	-0,9...10	Push only	24 V d.c. 1,2 W	SVU
	VS26SG11DF213A	NO/NC	Sol/Spring	Internal	3...10 *1)	-0,9...10	Push & turn	24 V d.c. 1,2 W	SVT
	VS26SG11DF513A	NO/NC	Sol/Spring	Internal	3...10 *1)	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SVE
	VS26SG22DF313A	NO/NC	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Push only	24 V d.c. 1,2 W	SYU
	VS26SG22DF213A	NO/NC	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Push & turn	24 V d.c. 1,2 W	SYT
	VS26SG22DF513A	NO/NC	Sol/Spring	External	1,7+(0,35 x pressure *1), *2)	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SYE

2x3/2 Double solenoid actuated softseal valves (flow = 1250 l/min)

Symbol	Model	Function 2x3/2	Actuation	Pilot supply	Pilot pressure (bar)	Operating pressure (bar)	Manual override	Voltage	Short code
	VS26SA11DF313A	NC	Sol/Spring	Internal	-	3...10	Push only	24 V d.c. 1,2 W	SAU
	VS26SA11DF213A	NC	Sol/Spring	Internal	-	3...10	Push & turn	24 V d.c. 1,2 W	SAT
	VS26SA11DF513A	NC	Sol/Spring	Internal	-	3...10	Extended, push only	24 V d.c. 1,2 W	SAE
	VS26SA22DF313A	NC	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Push only	24 V d.c. 1,2 W	SDU
	VS26SA22DF213A	NC	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Push & turn	24 V d.c. 1,2 W	SDT
	VS26SA22DF513A	NC	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Extended, push only	24 V d.c. 1,2 W	SDE
	VS26SB11DF313A	NO	Sol/Spring	Internal	-	3...10	Push only	24 V d.c. 1,2 W	SBU
	VS26SB11DF213A	NO	Sol/Spring	Internal	-	3...10	Push & turn	24 V d.c. 1,2 W	SBT
	VS26SB11DF513A	NO	Sol/Spring	Internal	-	3...10	Extended, push only	24 V d.c. 1,2 W	SBE
	VS26SB22DF313A	NO	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Push only	24 V d.c. 1,2 W	SEU
	VS26SB22DF213A	NO	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Push & turn	24 V d.c. 1,2 W	SET
	VS26SB22DF513A	NO	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Extended, push only	24 V d.c. 1,2 W	SEE
	VS26SC11DF313A	NO/NC	Sol/Spring	Internal	-	3...10	Push only	24 V d.c. 1,2 W	SCU
	VS26SC11DF213A	NO/NC	Sol/Spring	Internal	-	3...10	Push & turn	24 V d.c. 1,2 W	SCT
	VS26SC11DF513A	NO/NC	Sol/Spring	Internal	-	3...10	Extended, push only	24 V d.c. 1,2 W	SCE
	VS26SC22DF313A	NO/NC	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Push only	24 V d.c. 1,2 W	SFU
	VS26SC22DF213A	NO/NC	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Push & turn	24 V d.c. 1,2 W	SFT
	VS26SC22DF513A	NO/NC	Sol/Spring	External	1,7 + (0,5 x op. pressure)	0...10	Extended, push only	24 V d.c. 1,2 W	SFE

Valve dimensions see page 6

NO = Normally open, NC = Normally closed

*1) Pressure supply through port 1

*2) Pilot air supply through port 12/14

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical Data'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail

in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

5/2 Single and double solenoid actuated glandless valves (flow 1000 l/min)

Symbol	Model	Actuation	Pilot supply	Pilot pressure (bar)	Operating pressure (bar)	Manual override	Voltage	Short code
	VS26G511DF313A	Sol/Sol	Internal	–	2...10	Push only	24 V d.c. 1,2 W	GJU
	VS26G511DF213A	Sol/Sol	Internal	–	2...10	Push & turn	24 V d.c. 1,2 W	GJT
	VS26G511DF513A	Sol/Sol	Internal	–	2...10	Extended, push only	24 V d.c. 1,2 W	GJE
	VS26G522DF313A	Sol/Sol	External	2...10	-0,9...16	Push only	24 V d.c. 1,2 W	GPU
	VS26G522DF213A	Sol/Sol	External	2...10	-0,9...16	Push & turn	24 V d.c. 1,2 W	GKT
	VS26G522DF513A	Sol/Sol	External	2...10	-0,9...16	Extended, push only	24 V d.c. 1,2 W	GKE
	VS26G591DF313A	Sol (Priority)/Sol	Internal	–	2...10	Push only	24 V d.c. 1,2 W	GSU
	VS26G591DF213A	Sol (Priority)/Sol	Internal	–	2...10	Push & turn	24 V d.c. 1,2 W	GST
	VS26G591DF513A	Sol (Priority)/Sol	Internal	–	2...10	Extended, push only	24 V d.c. 1,2 W	GSE
	VS26G592DF313A	Sol (Priority)/Sol	External	2...10	-0,9...16	Push only	24 V d.c. 1,2 W	GTU
	VS26G592DF213A	Sol (Priority)/Sol	External	2...10	-0,9...16	Push & turn	24 V d.c. 1,2 W	GTT
	VS26G592DF513A	Sol (Priority)/Sol	External	2...10	-0,9...16	Extended, push only	24 V d.c. 1,2 W	GTE
	VS26G517DF313A	Sol/Spring	Internal	–	1,6...10	Push only	24 V d.c. 1,2 W	GGU
	VS26G517DF213A	Sol/Spring	Internal	–	1,6...10	Push & turn	24 V d.c. 1,2 W	GGT
	VS26G517DF513A	Sol/Spring	Internal	–	1,6...10	Extended, push only	24 V d.c. 1,2 W	GGE
	VS26G527DF313A	Sol/Spring	External	1,6...10	-0,9...16	Push only	24 V d.c. 1,2 W	GHU
	VS26G527DF213A	Sol/Spring	External	1,6...10	-0,9...16	Push & turn	24 V d.c. 1,2 W	GHT
	VS26G527DF513A	Sol/Spring	External	1,6...10	-0,9...16	Extended, push only	24 V d.c. 1,2 W	GHE

5/2 Single and double solenoid actuated softseal valves (flow 1350 l/min)

Symbol	Model	Actuation	Pilot supply	Pilot pressure (bar)	Operating pressure (bar)	Manual override	Voltage	Short code
	VS26S511DF313A	Sol/Sol	Internal	–	2...10	Push only	24 V d.c. 1,2 W	SJU
	VS26S511DF213A	Sol/Sol	Internal	–	2...10	Push & turn	24 V d.c. 1,2 W	SJT
	VS26S511DF513A	Sol/Sol	Internal	–	2...10	Extended, push only	24 V d.c. 1,2 W	SJE
	VS26S522DF313A	Sol/Sol	External	2...10	-0,9...10	Push only	24 V d.c. 1,2 W	SKU
	VS26S522DF213A	Sol/Sol	External	2...10	-0,9...10	Push & turn	24 V d.c. 1,2 W	SKT
	VS26S522DF513A	Sol/Sol	External	2...10	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SKE
	VS26S517DF313A	Sol/Spring	Internal	–	2...10	Push only	24 V d.c. 1,2 W	SGU
	VS26S517DF213A	Sol/Spring	Internal	–	2...10	Push & turn	24 V d.c. 1,2 W	SGT
	VS26S517DF513A	Sol/Spring	Internal	–	2...10	Extended, push only	24 V d.c. 1,2 W	SGE
	VS26S527DF313A	Sol/Spring	External	2...10	-0,9...10	Push only	24 V d.c. 1,2 W	SHU
	VS26S527DF213A	Sol/Spring	External	2...10	-0,9...10	Push & turn	24 V d.c. 1,2 W	SHT
	VS26S527DF513A	Sol/Spring	External	2...10	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SHE

5/3 Double solenoid actuated glandless valves (flow 1000 l/min)

Symbol	Model	Function 5/3	Actuation	Pilot supply	Pilot pressure (bar)	Operating pressure (bar)	Manual override	Voltage	Short code
	VS26G611DF313A	APB	Sol/Sol.	Internal	–	2...10	Push only	24 V d.c. 1,2 W	GLU
	VS26G611DF213A	APB	Sol/Sol.	Internal	–	2...10	Push & turn	24 V d.c. 1,2 W	GLT
	VS26G611DF513A	APB	Sol/Sol.	Internal	–	2...10	Extended, push only	24 V d.c. 1,2 W	GLE
	VS26G622DF313A	APB	Sol/Sol.	External	2...10	-0,9...16	Push only	24 V d.c. 1,2 W	GMU
	VS26G622DF213A	APB	Sol/Sol.	External	2...10	-0,9...16	Push & turn	24 V d.c. 1,2 W	GMT
	VS26G622DF513A	APB	Sol/Sol.	External	2...10	-0,9...16	Extended, push only	24 V d.c. 1,2 W	GME
	VS26G711DF313A	COE	Sol/Sol.	Internal	–	2...10	Push only	24 V d.c. 1,2 W	GQU
	VS26G711DF213A	COE	Sol/Sol.	Internal	–	2...10	Push & turn	24 V d.c. 1,2 W	GQT
	VS26G711DF513A	COE	Sol/Sol.	Internal	–	2...10	Extended, push only	24 V d.c. 1,2 W	GQE
	VS26G722DF313A	COE	Sol/Sol.	External	2...10	-0,9...16	Push only	24 V d.c. 1,2 W	GRU
	VS26G722DF213A	COE	Sol/Sol.	External	2...10	-0,9...16	Push & turn	24 V d.c. 1,2 W	GRT
	VS26G722DF513A	COE	Sol/Sol.	External	2...10	-0,9...16	Extended, push only	24 V d.c. 1,2 W	GRE

Valve dimensions see page 6

5/3 Double solenoid actuated softseal valves (flow 1350 l/min)

Symbol	Model	Function 5/3	Actuation	Pilot supply	Pilot pressure (bar)	Operating pressure (bar)	Manual override	Voltage	Short code
	VS26S611DF313A	APB	Sol/Sol	Internal	–	2,5...10	Push only	24 V d.c. 1,2 W	SLU
	VS26S611DF213A	APB	Sol/Sol.	Internal	–	2,5...10	Push & turn	24 V d.c. 1,2 W	SLT
	VS26S611DF513A	APB	Sol/Sol.	Internal	–	2,5...10	Extended, push only	24 V d.c. 1,2 W	SLE
	VS26S622DF313A	APB	Sol/Sol.	External	2,5...10	-0,9...10	Push only	24 V d.c. 1,2 W	SMU
	VS26S622DF213A	APB	Sol/Sol.	External	2,5...10	-0,9...10	Push & turn	24 V d.c. 1,2 W	SMT
	VS26S622DF513A	APB	Sol/Sol.	External	2,5...10	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SME
	VS26S711DF313A	COE	Sol/Sol.	Internal	–	2,5...10	Push only	24 V d.c. 1,2 W	SQU
	VS26S711DF213A	COE	Sol/Sol.	Internal	–	2,5...10	Push & turn	24 V d.c. 1,2 W	SQT
	VS26S711DF513A	COE	Sol/Sol.	Internal	–	2,5...10	Extended, push only	24 V d.c. 1,2 W	SQE
	VS26S722DF313A	COE	Sol/Sol.	External	2,5...10	-0,9...10	Push only	24 V d.c. 1,2 W	SRU
	VS26S722DF213A	COE	Sol/Sol.	External	2,5...10	-0,9...10	Push & turn	24 V d.c. 1,2 W	SRT
	VS26S722DF513A	COE	Sol/Sol.	External	2,5...10	-0,9...10	Extended, push only	24 V d.c. 1,2 W	SRE

Valve dimensions see page 6

APB = All Ports Blocked COE = Centre Open Exhaust

Options selector

VS26★ ★ ★ ★ DF★ 13A

Spool technology	Substitute	Manual override *3)	Substitute
Glandless spool & sleeve	G	Push & turn	2
Softseal spool	S	Push only	3
		Extended, push only	5
Valve function	Substitute	Actuation/Pilot supply	Substitute
2x3/2 way valve, normally closed *1)	A	Solenoid/Spring	
2x3/2 way valve, normally open *1)	B	Internal pilot supply	17
2x3/2 way valve, normally open/normally closed *1)	C	Solenoid/Spring	
2x2/2 way valve, normally closed *1)	E	External pilot supply	27
2x2/2 way valve, normally open *1)	F	Solenoid/Solenoid	
2x2/2 way valve, normally open/Normally closed *1)	G	Internal pilot supply	11
5/2 way valve	5	Solenoid/Solenoid	
5/3 All ports blocked (APB)	6	External pilot supply	22
5/3 Centre open exhaust (COE)	7	Solenoid priority side 14/Solenoid (5/2 only)	
5/3 Centre open pressure (COP)	B	Internal pilot supply *2)	91
		Solenoid priority side 14/Solenoid (5/2 only)	
		External pilot supply *2)	92

*1) Available with softseal spool only (VS26S).

*2) Available with glandless spool & sleeve only (VS26G).

*3) Option "without manual override" available on request.

Electrical details for solenoid operators

Voltage tolerances	24 V d.c. +/- 10%
Rating	100 % ED
Inlet orifice	0,8 mm
Indication	LED green
Surge suppression	Transil diode
Protection class	IP65
Materials	PPS (body), Viton & NBR (seal)

Electromagnetic compatibility (EMV):

EU-conforming to 89/336/EWG (CE - logo)

All VS26 V d.c. products are designed to be used with a protective extra low voltage (PELV) power supply.

Accessories

Blanking disk kit for modular sub-base



V70522-K00 (Ports 1, 3, 5)
V70523-K00 (Port 12/14)

Manual override set-up kit



VS2672906-KG00

Spare valve identification labels *1)



VS2672905-KG00 (10 pcs)

Blanking plug for base connector hole *2)



VS2672914-KG00

*1) When purchasing assembled valve islands from Norgren, valve identification labels are already included.

*2) When V44/V45 valves are fitted on VS26 bases.

Base accessories

Intermediate supply/exhaust manifold



Page 12

VS2672902-BG00 (G1/4)
VS2672902-RG00 (NPTF1/4)

Blanking plate



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VS2672904-KG00

Interface module



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0252420

Soft start dump valve



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VSP150127

Sandwich plates

Single pressure regulator plate



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VS2672900-KG10 (port 1)
VS2672900-KG20 (port 2)
VS2672900-KG30 (port 4)

Double pressure regulator plate



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VS2672900-KG40 (ports 2+4)

Flow regulator plate



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VS2672901-KG00 (ports 3+5)

Sandwich plate with additional pressure port 1



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VS2672928-KG00 (G1/4)
VS2672929-KG00 (NPTF1/4)

Single valve shut-off plate



Page 12

VS2672903-KG00 (port 1)

End plates, direct mounting SIEMENS ET200pro

End plate kit



Mounting kit for profile rail



Page 8 for dimensions. Page 16 for ordering information.

Modular sub-base

Double station modular sub-base



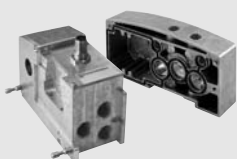
Single station modular sub-base



Page 8 & 9 for dimensions. Page 16 & 17 for ordering information.

End plates for modular block

End plates kit for modular block



Modular block



Page 9 for dimensions. Page 17 for ordering information.

Soft start dump valve

Technical data

Operating pressure: 3 ... 10 bar

Flow: see diagram

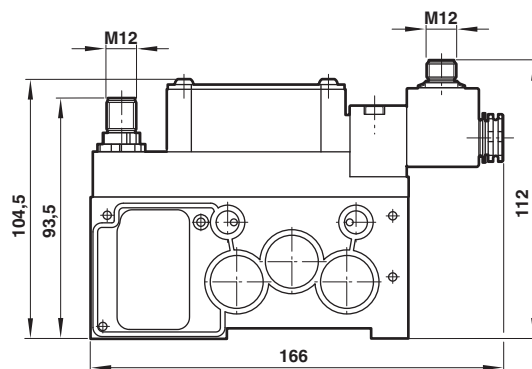
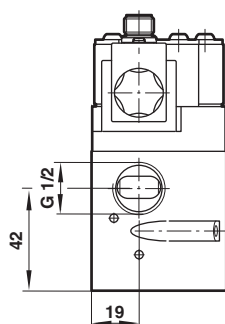
Flow rate max: 3000 l/min

Electrical parameters

Voltage: 24 V d.c. $\pm 10\%$

Power: 6 W

Note: When using a soft start dump valve subsequent valves should use an external pilot supply



Valve control: M12, 4 pin Connector A coded

Pin No.	Function
1	Solenoid by-passed for Desina analysis
2	
3	0 V
4	+24 V d.c. valve

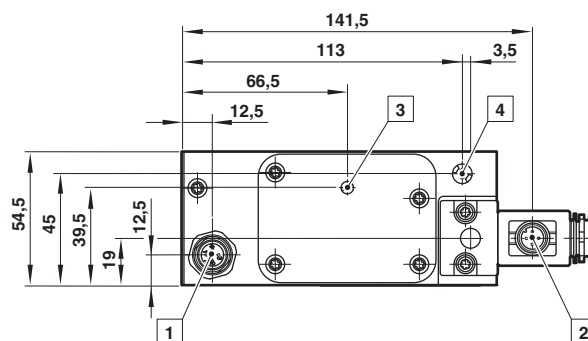
Connector pins



Enable signal: M12, 4 pin Connector A coded

Pin Nr.	Function
1	+ (positive)
2	
3	
4	-(negative)

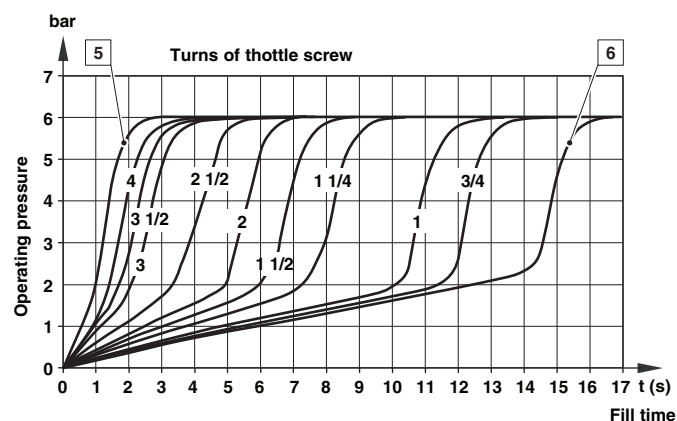
Connector pins



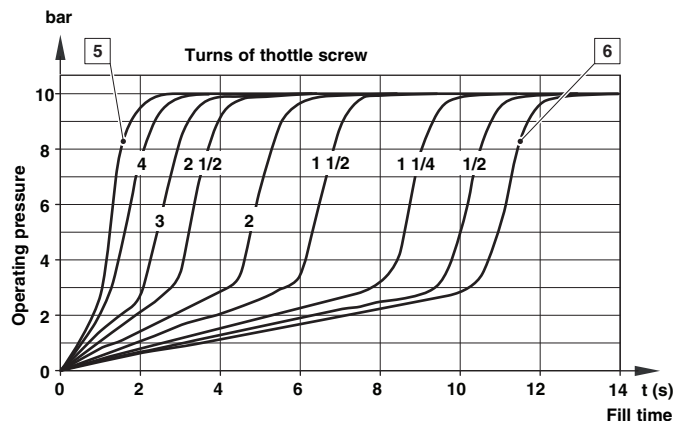
- 1 Switched position indicator via M12
- 2 Power supply for soft start dump valve
- 3 Adjustment of start up time
- 4 Push and turn manual override

Connectors see page 14

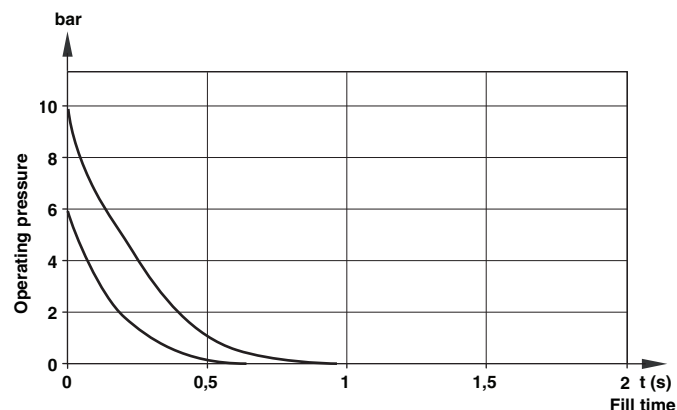
Filling curve at 6 bar 3 litre volumes



Filling curve at 10 bar 3 litre volumes



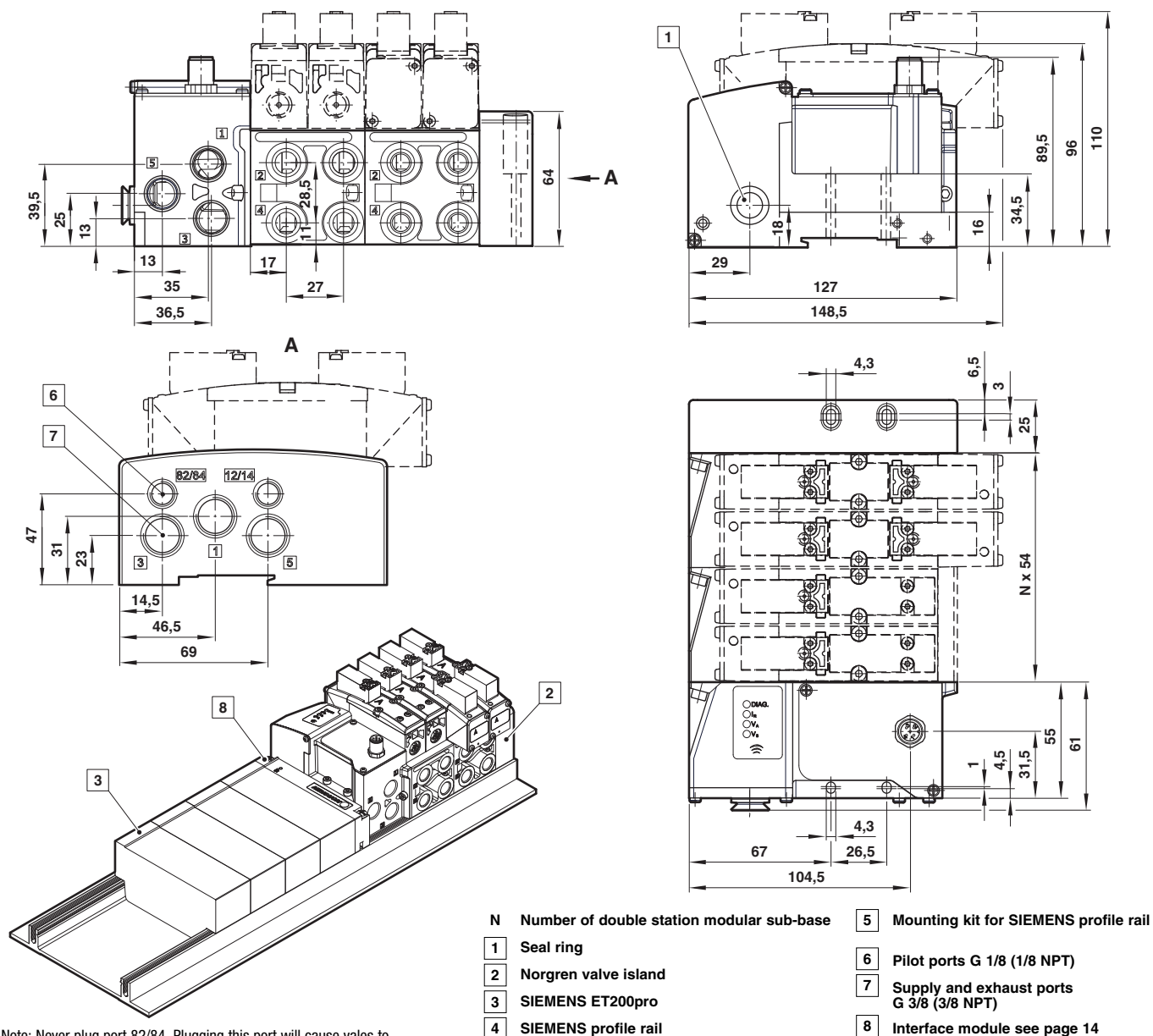
Exhaust emission of 3 litre volumes at 6 and 10 bar



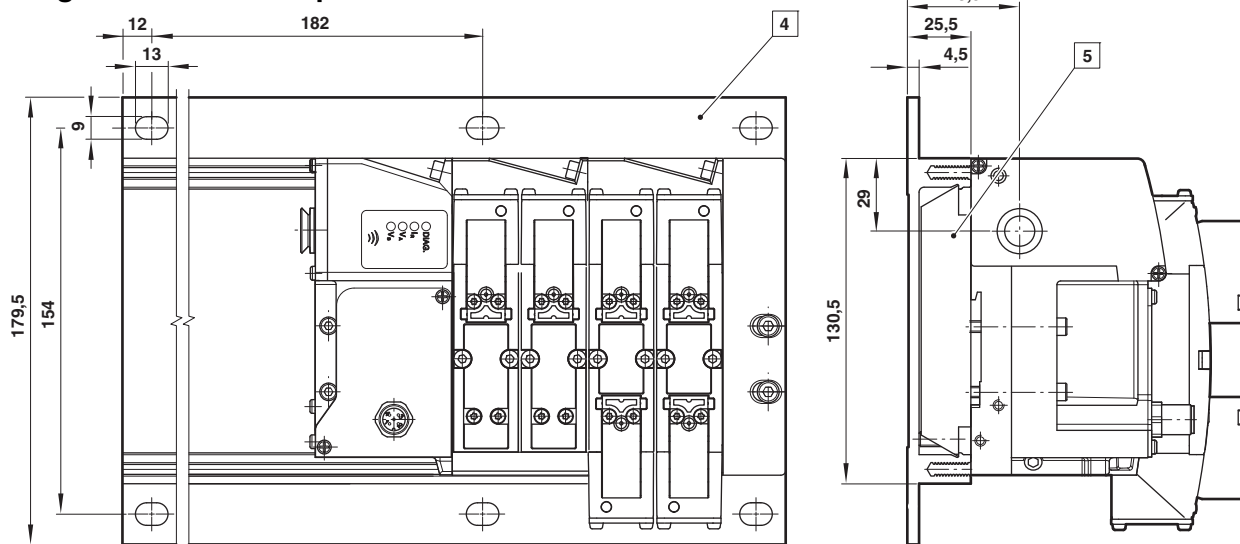
- 5 Throttle screw open
- 6 Throttle screw closed

Valve island modular with SIEMENS ET200pro for profile rail

For ordering information port sizes of modular sub-bases and end plates see page 16

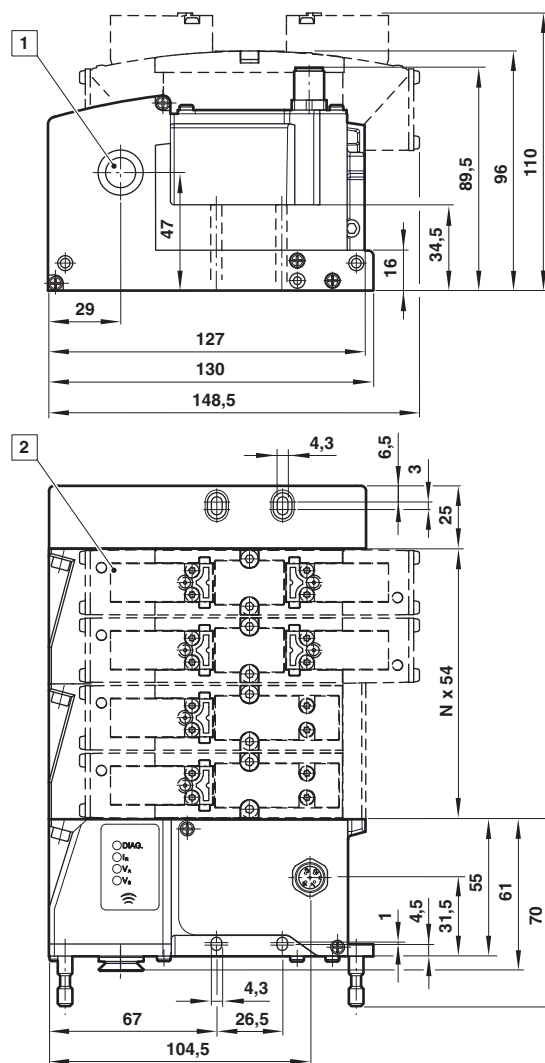
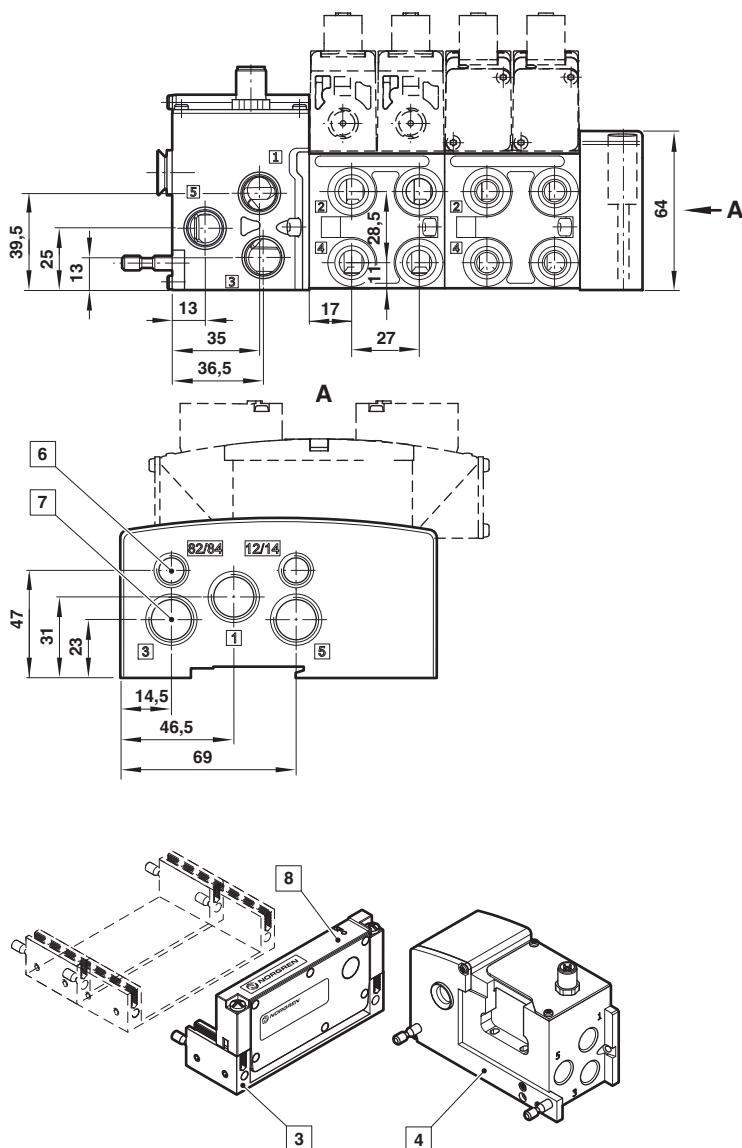


Mounting kit for SIEMENS profile rail Model: VSP150128



Valve island modular with SIEMENS ET200pro interface for module mounting

For ordering information port sizes of modular sub-bases and end plates see page 17

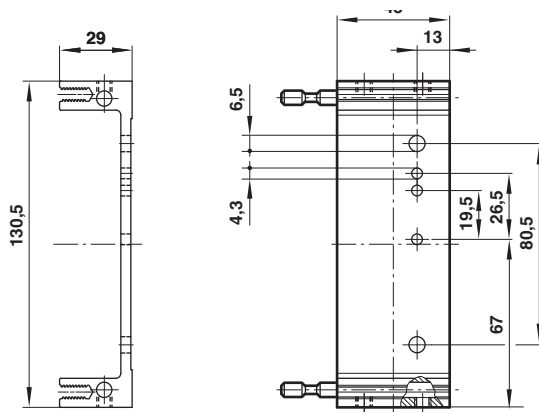


- N** Number of double station modular sub-base
- 1** Seal ring
- 2** Norgren valve island
- 3** Module mounting
- 4** End plate with stud
- 6** Pilot ports G 1/8 (1/8 NPT)
- 7** Supply and exhaust ports G 3/8 (3/8 NPT)
- 8** Interface module see page 14

Note: Never plug port 82/84. Plugging this port will cause valves to malfunction

Mounting module for SIEMENS components

Type: VS267294-KG00

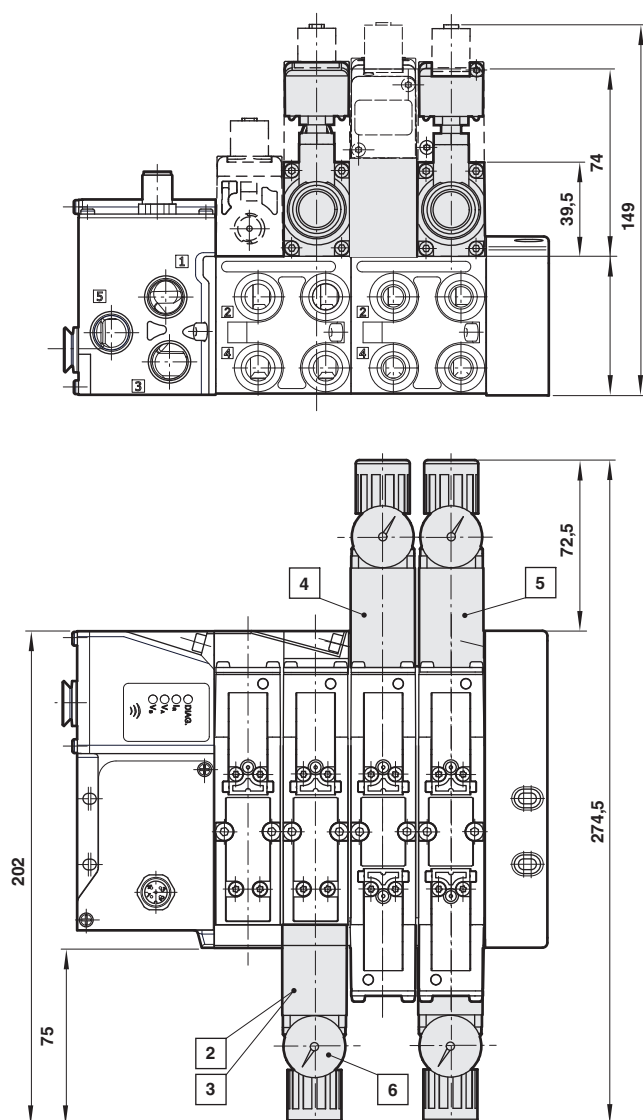


Sandwich plates

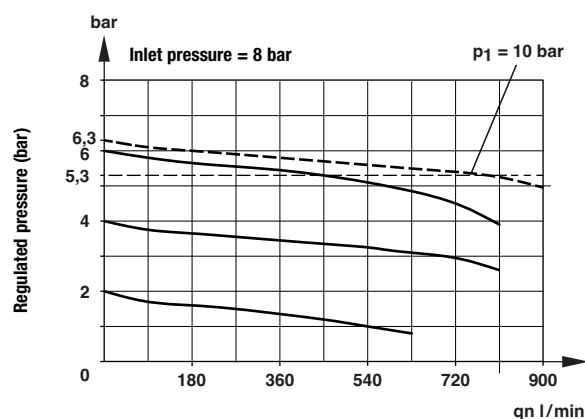
Pressure regulator sandwich plates

Symbol	Model	Description
	VS2672900-KG10	Regulation of port 1
	VS2672900-KG20	Regulation of port 2

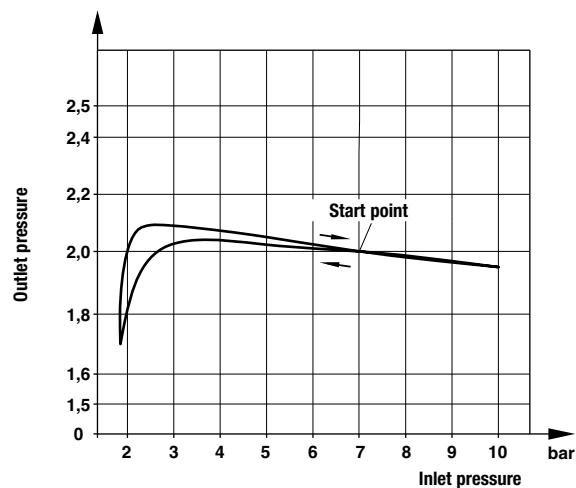
Symbol	Model	Description
	VS2672900-KG30	Regulator of port 4
	VS2672900-KG40	Regulation of ports 2 and 4



Flow characteristics for pressure regulator plates



Hysteresis

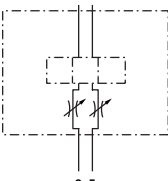


Spare part number for gauge: V70534-500

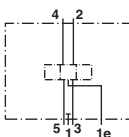
- 2 Regulation of port 1
- 3 Regulation of port 2
- 4 Regulation of port 4
- 5 Regulation of port 2+4
- 6 Gauge

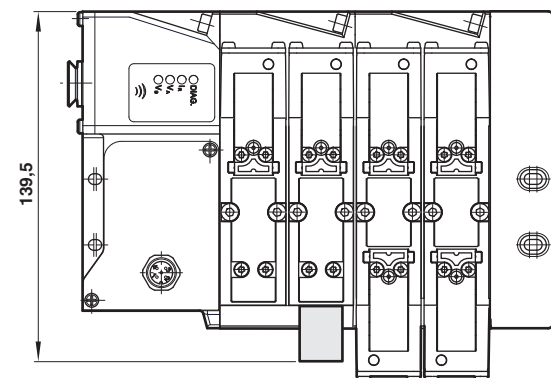
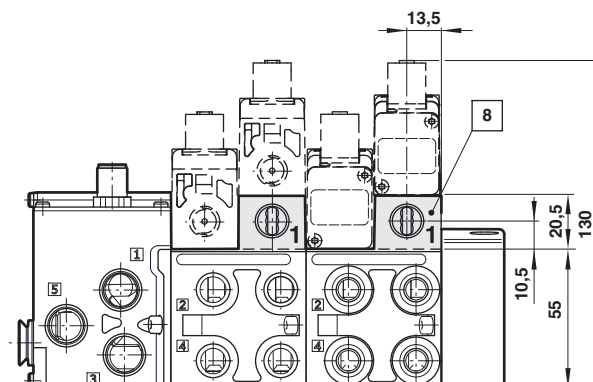
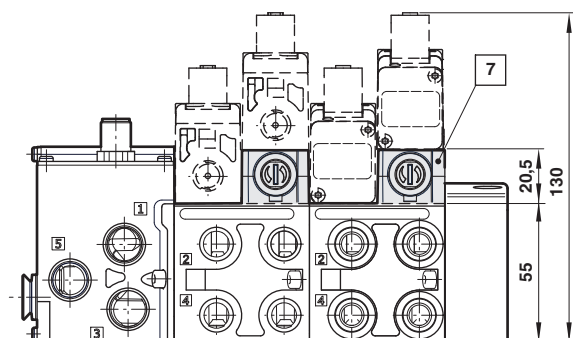
Sandwich plates

Flow regulator sandwich plate

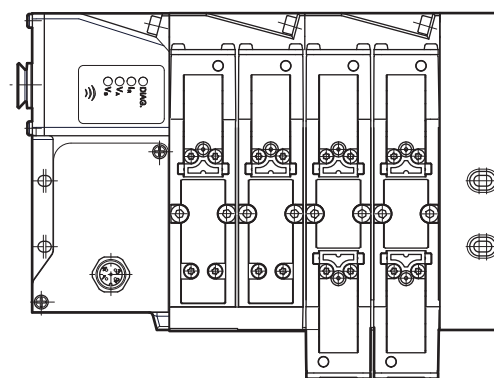
Symbol	Model	Description
	VS2672901-KG00	Flow regulator supplied with gasket, dual regulation of exhaust ports 3 and 5

Sandwich plate with additional pressure port 1

Symbol	Model	Description
	VS2672928-KG00	Sandwich plate with additional pressure port 1 (G 1/4), supplied with gasket
	VS2672929-KG00	Sandwich plate with additional pressure port 1 (NPTF1/4), supplied with gasket



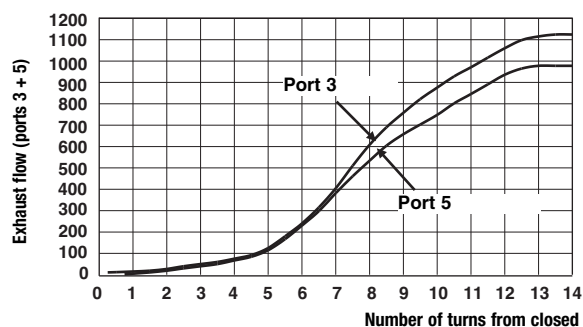
7 Flow regulator plate



8 Sandwich plate with additional pressure port 1

Flow characteristics

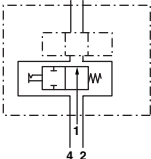
Dual regulation of exhaust ports 3 and 5



Flow port 1 & 2 and 1 & 4 remains unchanged.
Flow measured at 6 bar inlet, pressure drop 1 bar

Sandwich plates

Single valve shut-off plate

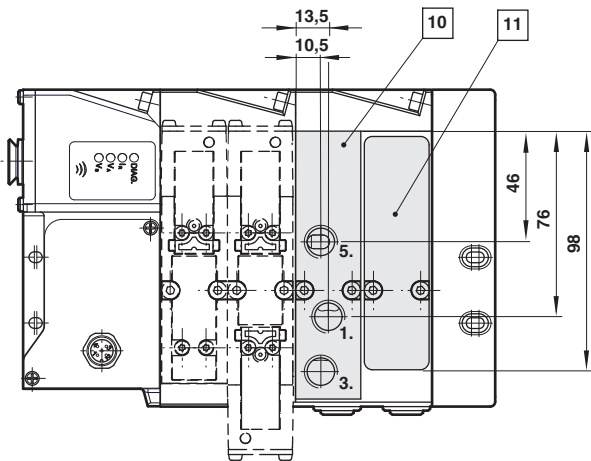
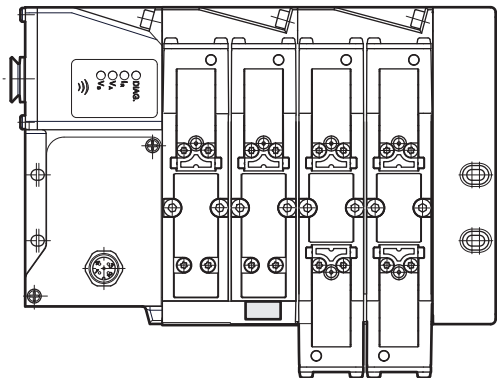
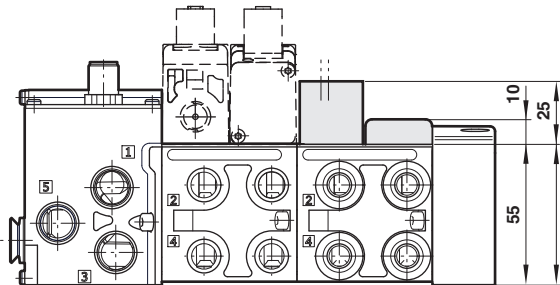
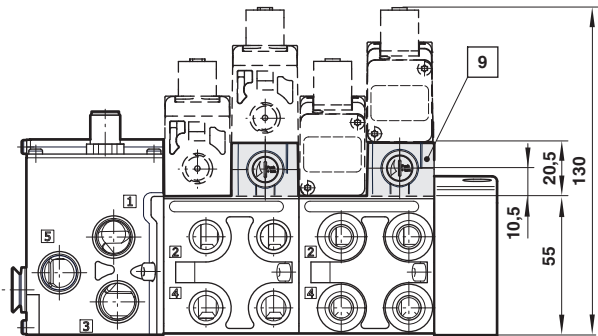
Symbol	Model	Description
	VS2672903-KG00	Single valve shut-off plate supplied with gasket

Allows individual exchange of valve while valve island is pressurised by port 1.
Flow restricted to max. 800 L/min.

Base accessories

Model	Description
VS2672902-BG00	Intermediate supply/exhaust manifold (ISEM) port size G1/4 *1)
VS2672902-RG00	Intermediate supply/exhaust manifold (ISEM), port size NPTF1/4 *1)
VS2672904-KG00	Blanking plate for unused stations (supplied with gasket)

*1) For use see page 13



- 9 Single valve shut-off plate
- 10 Intermediate supply/exhaust manifold (ISEM)
- 11 Blanking plate

Multi pressure configurations

A

Blanking disk kit	Description
V70522-K00	Suitable for ports 1, 3 and 5

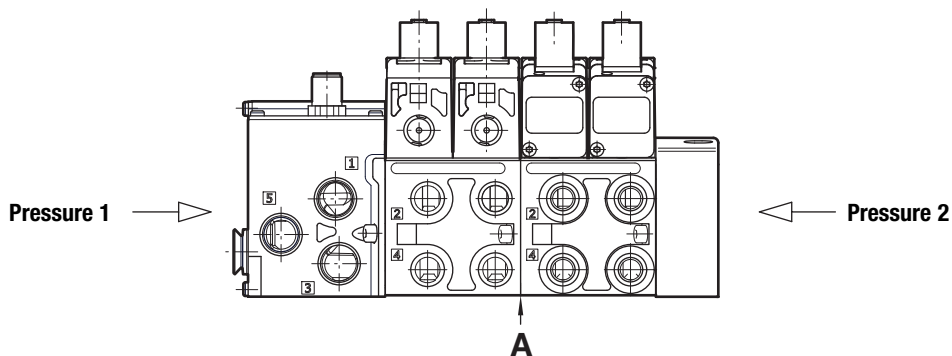
B

Intermediate supply/exhaust manifold (ISEM)	Description
VS2672902-BG00	G 1/4
VS2672902-RG00	1/4 NPT

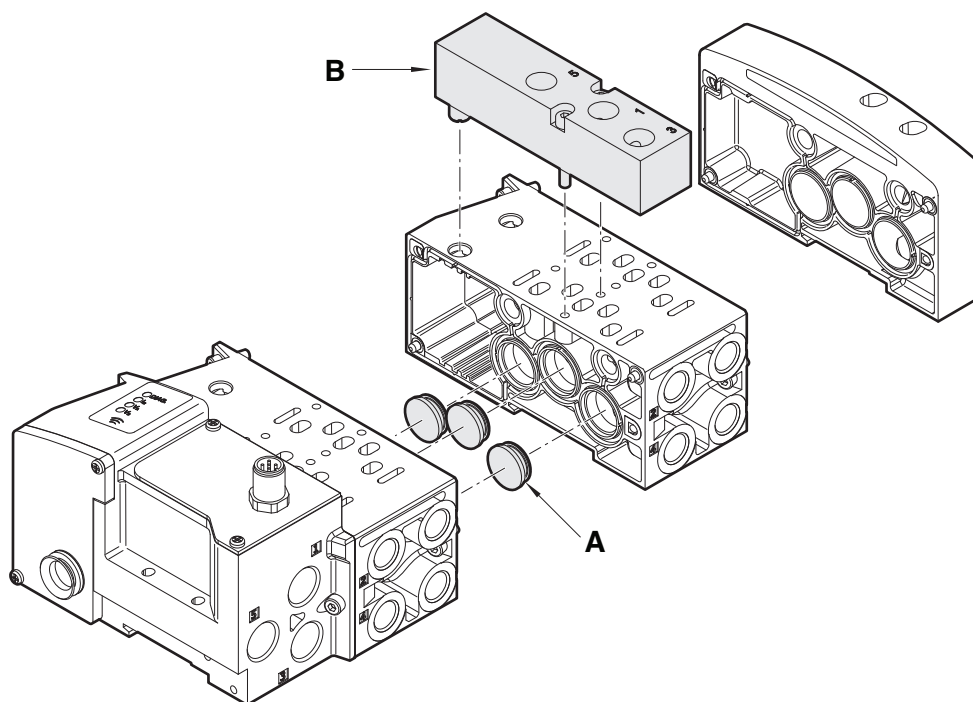
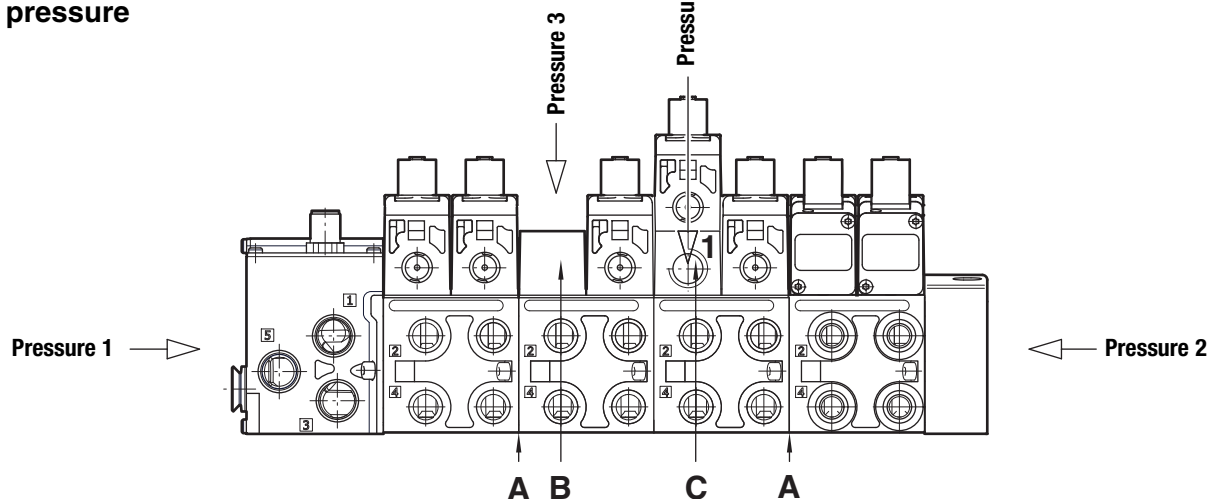
C

Sandwich plate with additional port 1	Description
VS2672928-KG00	G 1/4
VS2672929-KG00	1/4 NPT

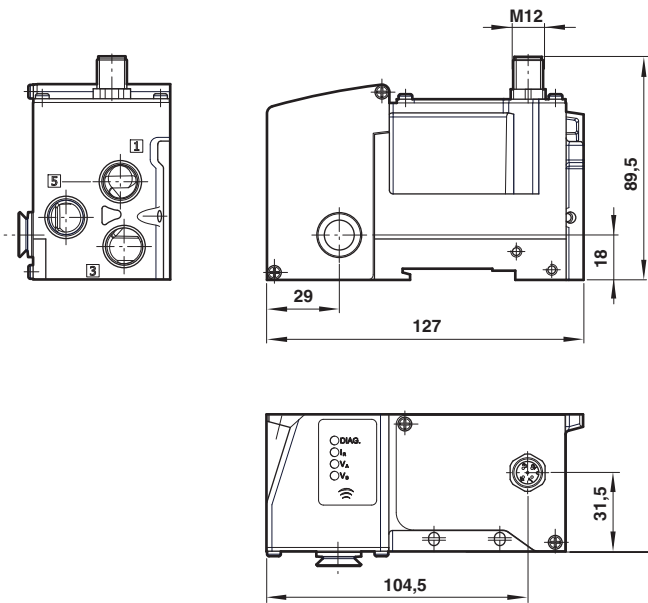
Dual pressure



Multi pressure



End plate with IR communication



Power connector: M12, 5-pin

Pin no.	Function	Tolerance	Max. current
1	24 VB logic circuit supply	±25%	100 mA
2	24 V valves	—	*1)
3	0 V	—	—
4	0 V valve	—	—
5	Earth	—	—

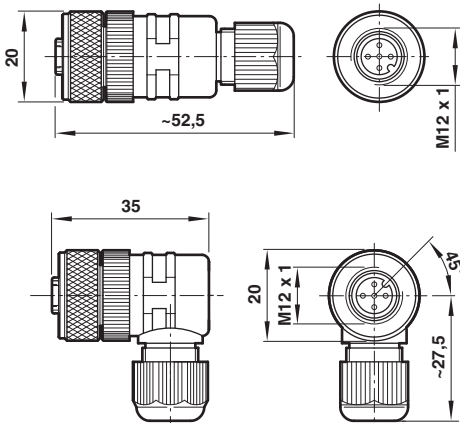
Connector pins



*1) $I_{max} = 10 \text{ mA} + n \cdot 60 \text{ mA}$
 n = number of energized solenoids

Note: Zero voltage are galvanically isolated!

Accessories



Connector, straight

M12 x 1, 5 pin, female, A coded
 Model: 0252563

Connector, 90°

M12 x 1, 5 pin, female, A coded
 Model: 0252543

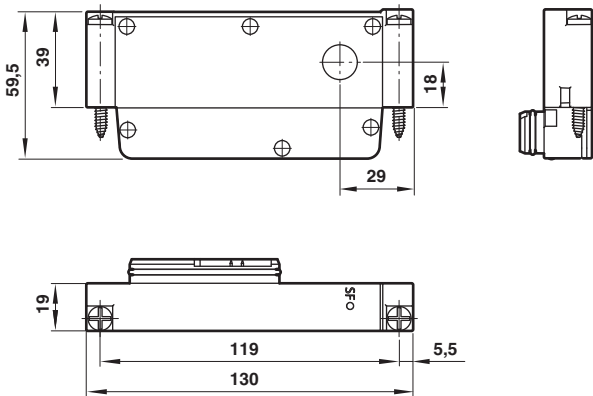
Connector, 90°

M12 x 1, 5 pin, female, A coded with
 5 m cable
 Model: 0250081

M12 x 1, 5 pin, female, A coded with
 10 m cable
 Model: 0250472

Interface module

Model: 0252420



The interface module is used to connect the Norgren valve island to the SIEMENS ET200pro.

The existing right hand end plate of the SIEMENS ET200pro must be replaced.

An ET200pro assembly fitted with the interface but no valve island will also function correctly

Worksheet VS26M Series (Please mark the corresponding boxes and fax the sheet to Norgren customer service)

		Station																	
		G	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Valves G = Glandless spool & sleeve S = softseal spool Please enter corresponding letter in the boxes	2x2/2 Sol/Spring NC	X																	
	2x2/2 Sol/Spring NO		X																
	2x2/2 Sol/Spring NO/NC			X															
	2x3/2 Sol/Spring NC				X														
	2x3/2 Sol/Spring NO (5/3 COP)					X													
	2x3/2 Sol/Spring NO/NC						X												
	5/2 Sol/Spring						X	X											
	5/2 Sol/Sol							X	X										
	5/2 Sol (priority side 14)/Sol							X											
	5/3 APB Sol/Sol							X	X										
Base accessories (optional)	5/3 COE Sol/Sol							X	X										
	Intermediate supply/Exhaust module																		
	Blanking plate																		
Sandwich plates (optional)	Pressure regulator, port 1																		
	Pressure regulator, port 2																		
	Pressure regulator, port 4																		
	Pressure regulator, ports 2 + 4																		
	Flow regulator, ports 3 + 5																		
Sub-base port size	Sandwich plate with additional pressure port 1 (G1/4)																		
	Sandwich plate with additional pressure port 1 (NPTF1/4)																		
	G1/4																		
	NPTF1/4																		
	PIE10 mm																		
Soft start dump valve*1)	PIE8 mm																		
	PIE3/8																		
Blanking discs (optional)	Port 1																		
	Port 3																		
	Port 5																		

*1) For use on even stations only

Pilot supply

- ☐ Internal
- ☐ External
- ☐ Mixed (please specify in notes)

Manual override

- ☐ Push only
- ☐ Push & turn
- ☐ Extended, push only
- ☐ Mixed (Please specify in notes)

End plate kit

- ☐ G3/8
- ☐ NPTF 3/8

Power supply

- ☐ Wireable connector, straight
- ☐ Wireable connector, 90°
- ☐ Connector, 90° with 5 m cable length
- ☐ Connector, 90° with 10 m cable length

Accessories

- ☐ Manual override set-up kit: quantity: _____

Part no of configured valve island:
VS 26 M _____
(This line will be filled out by Norgren)
In case of repeat order, please indicate only this number.

Customer: _____
Contact: _____
Phone: _____
Fax: _____
Order no.: _____
Quantity: _____
Date: _____

Additional accessories / Notes:

Sub-bases and end plates (without PCB's) for SIEMENS profile rail

Sub-bases and end plates (without PCB's)

including screws and gaskets

A – End plate kit

Model	Description	Ports 1, 3 + 5	Ports 12/14 + 82/84
VS2672501-CGHO	End plate kit	G3/8	G1/8
VS2672501-SGHO	End plate kit	NPTF3/8	NPTF1/8

B - Double station modular sub-base

Model	Ports 2 + 4
VS2672502-BGF0	G1/4
VS2672502-RGF0	NPTF1/4
VS2672502-YGF0	PIF10 mm
VS2672502-8GF0	PIF8 mm
VS2672502-2GF0	PIF3/8

C - Single station modular sub-base

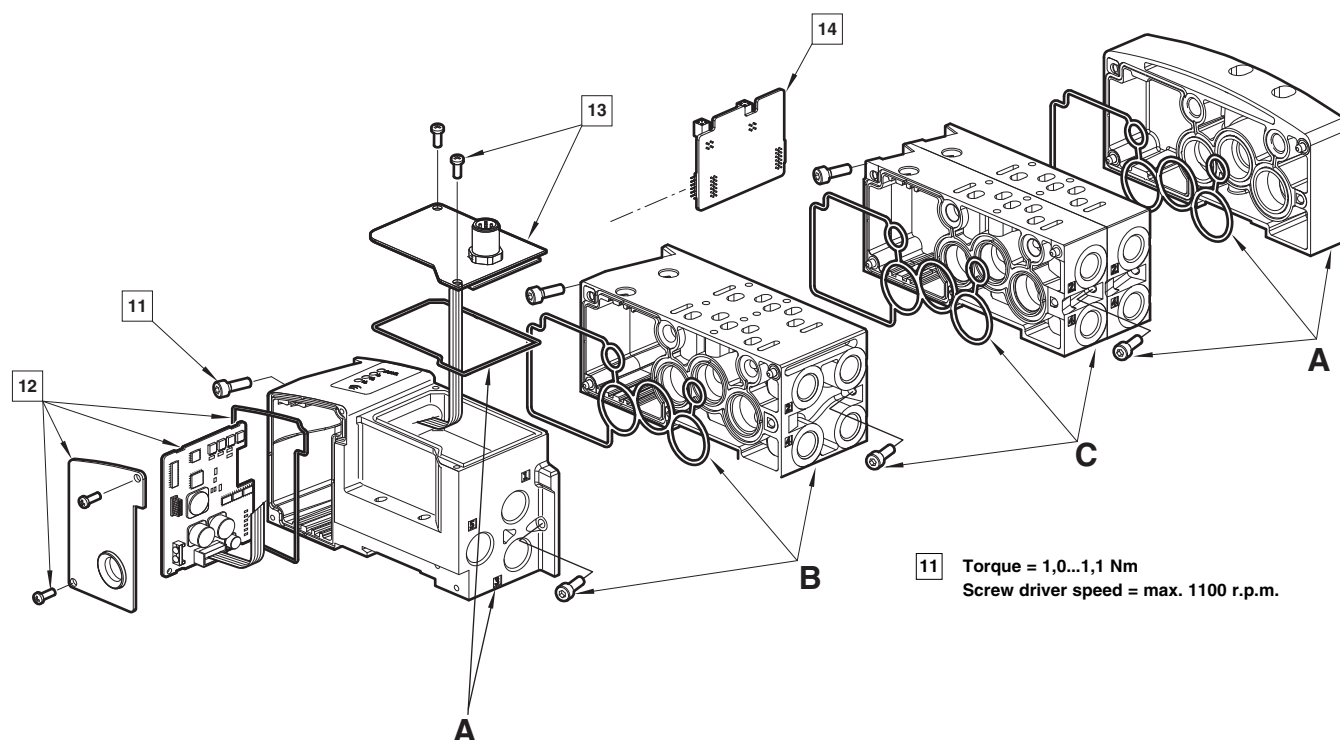
Use 2 x single sub-base

Model	Ports 2 + 4
VS2672503-BGF0	G1/4
VS2672503-RGF0	NPTF1/4
VS2672503-YGF0	PIF10 mm
VS2672503-8GF0	PIF8 mm
VS2672503-2GF0	PIF3/8

Electronic components

Model	Position	Description	Quantity per double sub-base
02522810	14	Output board for 2 stations	1

Model		Description	Quantity per island
59.05697	12	IR-Interface complete	1
VS2672758-KG00	13	Electrical port kit (M12 x 1)	1



Note: Never plug port 82/84. Plugging this port will cause valves to malfunction.
For detailed assembly instructions, please see maintenance & instruction booklet.

Sub-bases and end plates (without PCB's) for module mounting

Sub-bases and end plates (without PCB's)

including screws and gaskets

A – End plate kit

Model	Description	Ports 1, 3 + 5	Ports 12/14 + 82/84
VS2672501-CGH0	End plate kit	G3/8	G1/8
VS2672501-SGH0	End plate kit	NPTF3/8	NPTF1/8

B - Double station modular sub-base

Model	Ports 2 + 4
VS2672502-BGF0	G1/4
VS2672502-RGF0	NPTF1/4
VS2672502-YGF0	PIF10 mm
VS2672502-8GF0	PIF8 mm
VS2672502-2GF0	PIF3/8

C - Single station modular sub-base

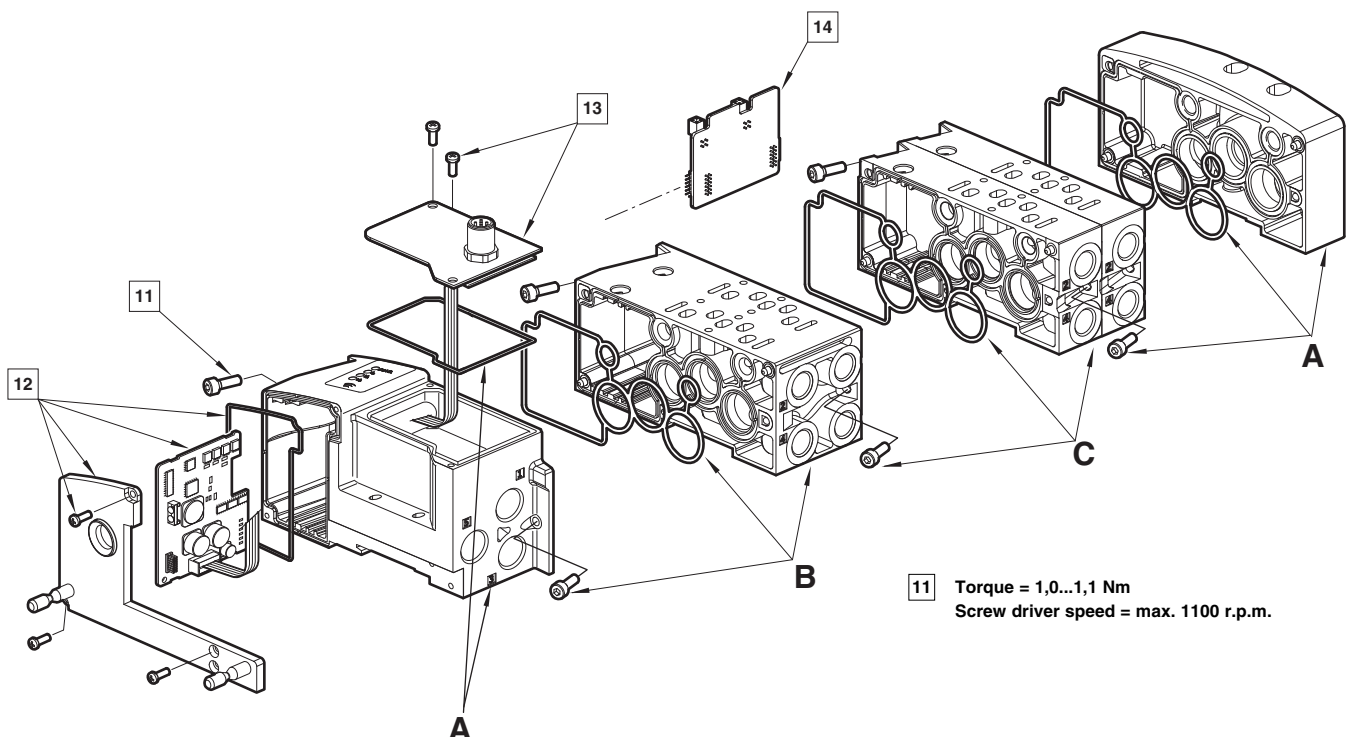
Use 2 x single sub-base

Model	Ports 2 + 4
VS2672503-BGF0	G1/4
VS2672503-RGF0	NPTF1/4
VS2672503-YGF0	PIF10 mm
VS2672503-8GF0	PIF8 mm
VS2672503-2GF0	PIF3/8

Electronic components

Model	Position	Description	Quantity per double sub-base
02522810	14	Output board for 2 stations	1

Model		Description	Quantity per island
59.05698	12	IR-Interface complete	1
VS2672758-KG00	13	Electrical port kit (M12 x 1)	1



Note: Never plug port 82/84. Plugging this port will cause valves to malfunction.
For detailed assembly instructions, please see maintenance & instruction booklet.